

A1 [ Please replace the paragraph beginning on page 3, line 11, and ending on page 3, line 12, with the following replacement paragraph. ]

Figures 23A-22B show an activity diagram for processing cash advance requests;

Please replace the paragraph beginning on page 7, line 24, and ending on page 7, line 28, with the following replacement paragraph.

A2 Fax server 52 receives collateral information from customers that the customers have in paper form (e.g., bills of lading, paper copies of invoices) and then routes this information in electronic form to data repository 100, e.g., to the process management and workflow manager 102. Additional details regarding fax server 52 are set forth below.

Please replace the paragraph beginning on page 9, line 14, and ending on page 9, line 23, with the following replacement paragraph.

A3 Referring again particularly to the drawings, Figure 4 is a class diagram illustrating a general information model 130. As shown in Figure 4, there are a variety of loan types, e.g., asset based loan 131, term loan 132, factoring loan 133. Some loan types, such as factoring loan 133, have further sub-classes, e.g., recourse factoring loan 134 and non-recourse factoring loan 135. Each loan type has its own requirements in terms of defining collateral, computing availability, payment, and processing terms, for example. Additional loan types can be added to the system by sub-classing a ClientLoan object 136 and building any additional classes required to define and track the loan.

Please replace the paragraph beginning on page 10, line 14, and ending on page 10, line 19, with the following replacement paragraph.

A4 Figure 9 is a class diagram for an accounts receivable model 220. The InvoiceAdjustment 166, ARInvoice 186, and ARPayment 206 objects are used to track accounts receivable information 144 and to reconcile invoices and payments. These objects are also used

a4 by higher level analysis and reporting tools (e.g., to determine ineligibles, for fraud detection, risk management, and on-site client audits).

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Please replace the paragraph beginning on page 11, line 3, and ending on page 11, line 9, with the following replacement paragraph.

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a5 Figure 12 is a class diagram 280 for relationships between models for monitoring accounts payable 146, accounts receivables 144, and inventory 262. A NoticeOfRevolvingCreditAdvance 282 object is used to process cash advances based on current loan availability for borrowing. A BorrowingBaseCertificate 284 object is used to monitor accounts payable, accounts receivable, ineligibles, and inventory to update and track the current ABL loan availability for borrowing.

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Please replace the paragraph beginning on page 16, line 6, and ending on page 16, line 15, with the following replacement paragraph.

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a6 Specifically, at some time (after logging in), the user checks to determine whether reports are due 322. The user can enter their accounting system with the knowledge of what reports he/she must produce and must produce a report in the exact format specified 324. After generating the desired report, the user then exports the report to their local file system (or one visible to the browser) 326. From the browser, the user selects to send the generated report 328. The received report is stored 330 in a database. The reports are viewable by designated personnel. Exhibit information is then extracted 332 from the defined report format. The exhibits are stored 334 for review by the appropriate personnel.

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Please replace the paragraph beginning on page 22, line 17, and ending on page 22, line 28, with the following replacement paragraph.

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a7 Referring to Figure 19, print scraping is performed by application server 14, process management and workflow manager 102, and an engine, sometimes referred to as a mapping and translation engine 500, such as the commercially available tools from Data Junction, which

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contain a suite of applications for defining grammars to parse files of non-uniform structure in order to perform print-scraping. The text extraction, in the exemplary embodiment, is performed by a commercially available system such as the known Cambio system. Once a script has been defined, the file can be parsed and pertinent data can be extracted, manipulated, mapped and transformed into a variety of output formats including direct inputs over ODBC into relational databases (e.g., an Oracle database) or output into a structured text file, such as an XML file.

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Please replace the paragraph beginning on page 24, line 1, and ending on page 24, line 8, with the following replacement paragraph.

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Q8  
After the file has been preprocessed as described, and if there are preprocessing errors 506, a preprocessing error 508 message is generated, the execution flow through the processing pipeline is halted, and control is returned with the error condition to process management and workflow manager 102. If there are no errors, and if the file needs to be segmented 510, a segmenting process 512 is initiated. If no segmentation is needed, the file is submitted with the data retrieved about known filetypes from data repository 100 to a file recognition process 514.

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Please replace the paragraph beginning on page 24, line 27, and ending on page 25, line 15, with the following replacement paragraph.

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Q9  
For file recognition 514, a list of known file types is retrieved from data repository 100 for the specific user who submitted the document. This list along with the preprocessed file is submitted to a screening algorithm which scans the file against a list of regular expressions contained within the list of known file types. The scanning algorithm searches for a match between the content of the preprocessed file and one of the stored regular expressions. If a file has gone through the entire set of regular expressions for the given user and no match is made 516, control is returned to process management and workflow manager 102 with an error message 518. If a file has gone through the set of known regular expressions and the file matches more than one regular expression in the set, an error 518 is sent and control is returned to process management and workflow manager 102 indicating that the file could not be

Q<sup>9</sup> recognized. In this case, the filetype is ambiguous since it has matched more than one regular expression and therefore, a decision about which extraction and mapping/translation scripts to select can not be made. If a file is successfully matched with a corresponding regular expression, then the file, the data extraction script, and a translation script are passed on to a text extraction process 520.

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Please replace the paragraph beginning on page 25, line 21, and ending on page 25, line 27, with the following replacement paragraph.

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Q<sup>10</sup> Data extracted during text extraction 520 is then mapped and translated 524 into an intermediate format. This process uses a script that dictates how to map the extracted data to the intermediate file format. If successful 526, the parsed data are then passed to process management and workflow manager 102 for further processing 528. If errors occur during the mapping and translation of the extracted data, then a message 530 is sent and control is returned to process management and workflow manager 102.

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Please replace the paragraph beginning on page 27, line 14, and ending on page 28, line 17, with the following replacement paragraph.

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Q<sup>11</sup> Referring now specifically to the drawings, Figures 21A-21C show an activity diagram for monitoring accounts receivable, accounts payable, inventory, trading partners, chart of accounts, invoices, and payments. Activities are located in respective columns based on the system that performs the activity, and the columns correspond to a client user system 560, a legacy accounting system 562, a report submission system 564, a web server 566, a process management and workflow system 568, a document management system 570, an automated document loading system 572, an online data repository system 574, a back office system 576, and a quality control system 578. Upon initiation of operations 580, user 560 reviews and approves the financial information 582. Accounting system 562 then generates a financial report 584, and a connection with web server 566 is established 586. An authentication routine 588 authenticates the user/client 590. Once authenticated 592, the financial report is transmitted 594

a" and web server 566 receives the report 596. Activities 586, 588, 592, and 594 correspond to the client report submission process described above. Process management and workflow system 568 then starts financial report processing 598 and records receipt of the report 600. The report is archived 602 in document management system 570. Financial information is then extracted 604, and a print scrape report 606 is generated, e.g., in accordance with the print scraping process described hereinbefore. If there are processing errors 608, then quality control system 578 reviews and corrects extraction problems 610, and another print scrape report 606 is generated. If there are no extraction errors, then extraction is complete 612. The financial information is then loaded into the data repository 614, and once loaded 616, and if there are data loading errors 618, then quality control system 578 reviews and corrects any errors 620 and the financial information is again loaded 616. If there are no errors, then process management and workflow system 568 loads collateral information 622, e.g., A/R, A/P, and inventory information. The client information is updated 624, and the updated financial information is merged with account details 626. In addition, the back office systems are updated 628, and client availability information 630 also is updated. Processing is then complete 632.

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Please replace the paragraph beginning on page 28, line 18, and ending on page 29, line 10, with the following replacement paragraph.

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a12 Figures 22A-22C show an activity diagram for a facsimile-based client report submission. Activities are located in respective columns based on the system that performs the activity, and the columns correspond to a client user 640, an outbound fax machine system 642, an inbound fax server 644, a process management and workflow system 646, a document management system 648, a collateral analyst 650, and a data repository system 652. Upon starting operations 654, user 640 determines whether it has the required paper collateral 656. The collateral is then sent via fax 658, and is received 660 by inbound fax server 644. Upon receipt 662, the fax documents are compressed 664, and the compressed documents and the sender's station identifier are sent 666 to system 646. Upon receipt of this information 668, system 646 then records the document based on the sender identifier 670, e.g., caller

Q12 identification of phone or station identifier for fax machine, and the collateral document is archived 672. The document is then placed in a queue for review 674. Once the document review process is initiated 676, then collateral analyst 650 is prompted to review the document 678. The document is then pulled for review 680, and the document is matched with the client financial information 682 and a link is established between the document and the corresponding financial information 684. The collateral document also is archived with the matched financial information 686. The processing is then complete 688. An example of the matching process is matching a bill of lading with an invoice.

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Please replace the paragraph beginning on page 29, line 26, and ending on page 30, line 14, with the following replacement paragraph.

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Q13 Figures 23A-23B show an activity diagram for processing cash advance requests. Activities are located in respective columns based on the system that performs the activity, and the columns correspond to a client user web browser 700, a web server 702, a process management and workflow system 704, a document management system 706, an online data repository 708, and back office system 710. Upon starting operations 712, the client determines a need to borrow money 714. The client then connects to the web server 716, and authenticates to the server 718. Web server 702 then authenticates the client 720. Once authenticated 722, the user initiates a request for a cash advance 724. The request is forwarded 726 by server 702, and a cash advance request is created 728 by system 704. The cash advance request is recorded 730 and archived 732 by document management system 706. The current collateral information of the client is then evaluated 734, including a review of the status of current collateral 736. If the collateral is not up-to-date 738, then updated collateral information is provided 740 using the electronic report submission process (described above) and another evaluation is executed 734. If the collateral is up-to-date, then the current credit status of the client is evaluated 742 by analyzing current credit information 744.

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Please replace the paragraph beginning on page 34, line 15, and ending on page 34, line 24, with the following replacement paragraph.

Q14 Risk management is accomplished using process management and workflow manager 102, electronic document management and control system 104, interactive analysis and reporting tools 122, and automated credit analysis and scoring methods. Process management and workflow manager 102 provide the basis for automating, enforcing, and tracking the defined business processes and rules (e.g., review and approval processes). When the borrowing customer and internal communications are handled electronically, document management system 104 stores and retrieves the information, as well as provides the basis for long-term archival storage of these documents, which also is useful in supporting audits and fulfilling legal obligations.

Please replace the paragraph beginning on page 35, line 6, and ending on page 35, line 10, with the following replacement paragraph.

Q15 Reporting tools 122 also generate the reporting information in a variety of formats (HTML, PDF, Excel) and are used for both printing and interactive on-line use. Batch reports are automatically routed to appropriate individuals and roles based on business process and rules defined and executed by the process management and workflow manager 102.

IN THE CLAIMS

Please cancel Claims 3 and 4.

1. (once amended) A method for submitting a report from an accounting system to a server, a local file system being coupled to the accounting system, said method comprising the steps of:

Q16 generating at the accounting system a report having a defined format;

exporting the report from the accounting system to a local file system;

submitting the report from the local file system to the server;